

M/035/003



**SALT LAKE COUNTY PUBLIC WORKS DEPARTMENT  
DEVELOPMENT SERVICES DIVISION**

2001 S State St #N3600  
Salt Lake City, Utah 84190-4050  
468-2000

**RECEIVED**  
JUL 12 1990

DIVISION OF  
OIL, GAS & MINING

COMMISSIONER  
M. TOM SHIMIZU

DIRECTOR OF PUBLIC WORKS  
R.T. HOLZWORTH, P.E.

ASSOCIATE DIRECTOR  
ROMNEY M. STEWART

DIVISION DIRECTOR  
KEN JONES

**Information &  
Plan Services**

Glenn Graham  
468-2000

**Engineering Services**

Brent Tidwell, R.L.S.  
468-2448

**Inspection Services**

Carl Eriksson, P.E.  
468-2448

**Chief Building Official**

Wallace R. Noble  
468-2448

**Records Management  
& Business License**

Nathan Brown  
468-2000

September 28, 1989

Interstate Brick Co.  
C/O Brad Baird  
P.O. Box 11865  
SLC, UT 84147

RE: #PL-89-4043

Mr. Baird:

On September 26, 1989 the Salt Lake County Planning Commission continued your zoning change application indefinitely.

The reason for continuing your application is the Planning Commission has asked that a geologic study and report be submitted to the County Geologist (Craig Nelson) for his review. They specifically want the four items requested by Craig Nelson, in his August 4, 1989 recommendations to be addressed. (A copy of his recommendations are enclosed for your review.)

1. A slope stability analysis and mitigation report.
  2. A soils and foundation investigation report.
  3. A rockfall hazard evaluation report.
  4. A hydrology and debris flood/flow hazard report.
- (See Craig Nelson's recommendation for details of requested report.)

If you have any questions, please feel free to call me at 468-2000.

Sincerely,

  
John M. Young, Planner

pc: Holladay/Cottonwood  
City Development, Inc., C/O Mike Swenson, 411 E 100 S, 84111

RECOMMENDATIONS for PL-89-4043

Enclave at Canyon Cove - 13 Lot Subdivision - City Development  
6400 South 3600 East - August 4, 1989

---

It may be premature to consider a zoning change before this parcel has been shown capable of being safely developed. I suggest that my recommendations given for the subdivision (PL-89-1044, see below) should be completed prior to consideration of any change of land status:

This proposed subdivision is located within the very-low liquefaction potential area and is not within the surface fault rupture special study area. All structures must be designed and built to meet or exceed UBC Seismic Zone 3 minimum requirements. Prior to making recommendations for approval or disapproval of this development the following information is requested:

1. A slope stability analysis and mitigation report. There is currently a building permit hold on several Canyon Cove lots just below this proposed subdivision due to unresolved slope stability problems associated with the 1983 "clay pit" failure. Renewed movement of this slide would adversely effect the proposed subdivision. This site-specific study should address stabilization measures and provide a factor of safety rating for the slope under both static and seismic loading. Also, the report should provide recommendations for any long-term slope maintenance that will be required.

Additional review of the geotechnical aspects of this report may required by an objective expert outside of county staff. Expenses for outside review services shall be paid by the developer.

2. A soils and foundation investigation report. This study should address soil conditions and provide guidelines for footing, foundation, slab, and roadway design. This report should also address grading and any slope cuts or fills that may be required.
3. A rockfall hazard evaluation report. This study should address the potential rockfall hazard at the site and provide recommendations for mitigation and/or avoidance.
4. A hydrology and debris flood/flow hazard report. This study should address both surface and groundwater conditions and the potential hazard to homes posed by the runoff from intense storm events and/or spring snow melt. The potential hazard from debris flow/flood events should also be addressed. This report should provide recommendations for mitigation measures and/or avoidance.

Final recommendations will be considered after review of the requested reports. THESE ARE PRELIMINARY RECOMMENDATIONS AND DO NOT IMPLY APPROVAL.

**RECEIVED**

AUG 31 1989

S.L. COUNTY  
DEVELOPMENT SERVICES



Craig V Nelson  
S.L. County Geologist  
(801) 468-2061